

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/006558

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04Q7/30

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04Q H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GB 2 369 961 A (ERICSSON TELEFON AB L M) 12 June 2002 (2002-06-12)	1-8, 13-19
Y	abstract page 1, line 30 - page 3, line 10 page 4, line 1 - page 5, line 16 page 8, line 1 - page 9, line 25 figure 1	9-12,20
Y	----- US 2003/031119 A1 (KIM SEONG-HUN ET AL) 13 February 2003 (2003-02-13) page 4, paragraph 39	9-12,20
A	----- WO 02/37872 A (MOTOROLA INC A CORP OF THE STA) 10 May 2002 (2002-05-10) page 5, line 10 - page 9, line 30 ----- -/--	1-20

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

G document member of the same patent family

Date of the actual completion of the international search

16 August 2004

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26/08/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>EP 1 037 491 A (MOTOROLA LTD) 20 September 2000 (2000-09-20) column 2, paragraph 7 column 3, paragraph 11-13 column 5, paragraph 19 column 6, paragraph 23 column 7, paragraphs 28,31 column 8, paragraph 34 columns 9-10, paragraph 41 -----</p>	1-20

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Information on patent family members

International Application No

EP2004/006558

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
GB 2369961	A	12-06-2002	AU 2959802 A DE 10197000 T0 WO 0247317 A1 US 2004088641 A1	18-06-2002 30-10-2003 13-06-2002 06-05-2004
US 2003031119	A1	13-02-2003	KR 2002096956 A	31-12-2002
WO 0237872	A	10-05-2002	US 6678523 B1 AU 1306802 A CN 1473410 T EP 1336269 A2 JP 2004519122 T WO 0237872 A2	13-01-2004 15-05-2002 04-02-2004 20-08-2003 24-06-2004 10-05-2002
EP 1037491	A	20-09-2000	EP 1037491 A1 AU 3807800 A WO 0056102 A1	20-09-2000 04-10-2000 21-09-2000